

IAP15 Rec'd PCT/PTO 23 NOV 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Daniel MASSACOTTE et al.**International Appln: PCT/CA2004/000757****Filed: May 21, 2004**

U.S. Application No.: Not Yet Assigned

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Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Atty. Docket No.: 64845-225737 RKCustomer No.: **26694****Information Disclosure Statement**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97 within the time specified under 37 C.F.R. § 1.97(c).

In order to comply the duty of disclosure pursuant to 37 C.F.R. § 1.56, submitted herewith is a Form PTO/SB/08A listing the documents cited in the international application and in the International Search Report of International Application No. PCT/CA2004/000757. The relevance of each document is indicated therein.

Copies of the documents cited in the International Search Report are not being provided since copies are furnished directly by WIPO under an exchange program between the PTO, the EPO and the JPO.

If the copies of the documents cited in the International Search Report were not furnished and a copy of each cited document is desired, please inform the undersigned and a copy of the missing documents will be supplied.

In view of the above, no further statement of relevance need be given, and as all requirements of 37 C.F.R. § 1.97 and § 1.98, and all official guidelines pertaining to Information Disclosure

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Applicant(s): Daniel MASSACOTTE et al.

Atty. Docket: 64845-225737 RK

Statements have been complied with, it is respectfully requested that the Examiner consider the cited publications and make them of record.

Respectfully submitted,

Date: November 23, 2005

Robert Kinberg

Registration No. 26,924

VENABLE LLP

P.O. Box 34385

Washington, D.C. 20043-9998

Telephone: (202) 344-4000

Telefax: (202) 344-8300

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Daniel MASSACOTTE et al.
				Art Unit	N/A
Examiner Name	Not Yet Assigned				
Attorney Docket Number	64845-225737 RK				
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	AA**	WO-98/43362	10-01-1998	Daniel YELLIN		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AB**	M. J. JUNTTI, "LMMSE Detection for DS-CDMA Systems in Fading Channels", IEEE Transactions on Communications, Vol. 48, No. 2, 2000, pp. 194-199	
	AC**	M. J. JUNTTI ET AL., "Multiuser Receivers for CDMA Systems in Rayleigh Fading Channels", IEEE Transactions on Vehicular Technology, Vol. 49, No. 3, May 2000, pp. 885-899	
	AD**	A.O. DAHMANE ET AL., "Nonlinear Multiuser Receiver for UMTS Communications", IEEE-Semiannual Vehicular Technology Conference, Vancouver, 24-29 September 2002, pp. 252-256	
	AE**	S. VERDU, Multiuser Detection, Cambridge University Press, 1998	
	AF**	H. NOLMA ET AL., WCDMA for UMTS: Radio Access For Third Generation Mobile Communications, John Wiley & Sons Ltd. 2000	
	AG**	S. KLEIN ET AL., "Zero Forcing and Minimum Mean-Square-Error Equalization for Multiuser Detection in Code-Division Multiple-Access Channels", IEEE Transactions on Vehicular Technology, Vol. 45, No. 2, May 1996, pp. 276-287	
	AH**	K. DAS ET AL., "Adaptive Interference Cancellation for DS-CDMA Systems Using Neural Network Techniques", IEEE Journal on Selected Areas in Communications, Vol. 16, No. 9, 1998, pp. 1774-1784	
	AI**	S. BHASHYAM ET AL., "Multiuser Channel Estimation and Tracking for Long-Code CDMA Systems", IEEE Transactions on Communications, Vol. 50, Issue 7, July 2002, pp. 1081-1090	
	AJ*	S. BHASHYAM ET AL., "Multiuser Channel Estimation For Long Code CDMA Systems", IEEE, vol. 2, 23 September 2000, pp. 664-669	

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